

## Technical Information:

	Properties	HC-1000	SBHC	SBHC1	Unit	Test Method
Physical	Color	Gray	Gray	Pink	Visual	--
	Reinforcement Layer	Fiberglass	Fiberglass	Fiberglass	--	--
	Finish	Smooth	Smooth	Smooth	Visual	--
	Thickness (Tol. $\pm 0.02$ )	0.23~0.8	0.23~0.45	0.23	mm	ASTM D374
	Operating Temperature	-40~+220	-50~+180	-60~+180	°C	--
Mechanical	Specific Gravity	1.60	1.60	2.0	g/cm <sup>3</sup>	ASTM D792
	Tensile Strength	150	240	255	kgf/cm <sup>2</sup>	ASTM D412
	Tear Strength	6.70	6.80	6.80	kgf/cm	ASTM D642
	Elongation	7~12	4.5	4.9	%	ASTM D412
	Hardness	70 $\pm$ 5	80 $\pm$ 5	80 $\pm$ 5	Shore A	ASTM D2240
Electrical	Voltage Breakdown	3.5	6.0	6.0	kV	ASTM D149
	Volume Resistivity	>10 <sup>13</sup>	>10 <sup>13</sup>	>10 <sup>13</sup>	$\Omega \cdot \text{cm}$	ASTM D257
Thermal	Thermal Conductivity	0.3	0.9	1.3	W/m.k	ASTM D5470
Regulatory	Flammability Rating	V-0	V-0	V-0	--	UL94
	RoHS Compliant	Yes	Yes	Yes	--	Lab. Certification
	PFOA Compliant	Yes	Yes	Yes	--	Lab. Certification
	PFOS Compliant	Yes	Yes	Yes	--	Lab. Certification
	SVHC Compliant	Yes	Yes	Yes	--	Lab. Certification

\* The above testing results comes from laboratory report, information are for your reference only.